

REFERENCE(S)

- [1] J. Shen, D. Tick, and N. Gans, “Localization through fusion of discrete and continuous epipolar geometry with wheel and IMU odometry,” *Proc. 2011 Am. Control Conf.*, pp. 1292–1298, 2011.
- [2] K. Shojaei, A. Mohammad Shahri, and A. Tarakameh, “Adaptive feedback linearizing control of nonholonomic wheeled mobile robots in presence of parametric and nonparametric uncertainties,” *Robot. Comput. Integr. Manuf.*, vol. 27, no. 1, pp. 194–204, 2011.
- [3] M. L. Della Vedova, M. Rubagotti, T. Facchinetti, and A. Ferrara, “Platooning control of autonomous nonholonomic mobile robots in a human-robot coexisting environment,” in *American Control Conference (ACC), 2012*, 2012, pp. 6569–6574.
- [4] C.-P. Lam, C.-T. Chou, K.-H. Chiang, and L.-C. Fu, “Human-Centered Robot Navigation — Towards a Harmoniously Human – Robot,” *IEEE/RSJ Int. Conf. Intell. Robot. Syst.*, vol. 27, no. 1, pp. 99–112, 2011.
- [5] A. Frye, “Disabled and Older Persons and Sustainable Urban Mobility,” 2011.
- [6] H. Ahmad and T. Namerikawa, “Extended Kalman filter-based mobile robot localization with intermittent measurements,” *Syst. Sci. Control Eng.*, vol. 1, no. February 2015, pp. 113–126, 2013.
- [7] A. Kelly and N. Seegmiller, “A vector algebra formulation of mobile robot velocity kinematics,” *Springer Tracts Adv. Robot.*, vol. 92, pp. 613–627, 2014.
- [8] J. Yoon, J. H. Oh, J. H. Park, S. Kim, and D. Lee, “Autonomous dynamic driving control of wheeled mobile robots,” *Proc. - IEEE Int. Conf. Robot. Autom.*, pp. 5274–5279, 2014.

- [9] Y. Koubaa, M. Boukattaya, and T. Dammak, "Adaptive Sliding-Mode Dynamic Control For Path Tracking of Nonholonomic Wheeled Mobile Robot," vol. 2, pp. 119–131, 2015.
- [10] R. Köker, "A genetic algorithm approach to a neural-network-based inverse kinematics solution of robotic manipulators based on error minimization," *Inf. Sci. (Ny)*, vol. 222, pp. 528–543, 2013.
- [11] A. A. Hatab and R. Dhaouadi, "Dynamic Modelling of Differential-Drive Mobile Robots using Lagrange and Newton-Euler Methodologies: A Unified Framework," *Adv. Robot. Autom.*, vol. 02, no. 02, 2013.
- [12] L. a. Sandino, M. Bejar, and A. Ollero, "Tutorial for the application of Kane's Method to model a small-size helicopter," *Proc. 1st Work. Res. Dev. Educ. Unmanned Aer. Syst.*, pp. 162–173, 2011.
- [13] M. R. Azizi and D. Naderi, "Dynamic modeling and trajectory planning for a mobile spherical robot with a 3Dof inner mechanism," *Mech. Mach. Theory*, vol. 64, pp. 251–261, 2013.
- [14] R. Sipahi, S. Niculescu, C. T. Abdallah, W. Michiels, and Keqin Gu, "Stability and Stabilization of Systems with Time Delay," *IEEE Control Syst. Mag.*, vol. 31, no. 1, pp. 38–65, 2011.
- [15] A. Chevalier, C. Copot, S. M. Cristescu, C. M. Ionescu, and R. De Keyser, "Emulation of a highway bottleneck using leader-follower formation control," *SACI 2013 - 8th IEEE Int. Symp. Appl. Comput. Intell. Informatics, Proc.*, pp. 131–136, 2013.
- [16] P. Fernandes and U. Nunes, "Platooning with IVC-enabled autonomous vehicles: Strategies to mitigate communication delays, improve safety and traffic flow," *IEEE Trans. Intell. Transp. Syst.*, vol. 13, no. 1, pp. 91–106, 2012.

- [17] E. P. Fotiadis, M. Garzón, and A. Barrientos, “Human detection from a mobile robot using fusion of laser and vision information.,” *Sensors (Basel)*, vol. 13, no. 9, pp. 11603–11635, 2013.
- [18] X. Jin, S. Member, S. Sarkar, A. Ray, and S. Gupta, “Target Detection and Classification Using Seismic and PIR Sensors,” *IEEE Sens. J.*, vol. 12, no. 6, pp. 1709–1718, 2012.
- [19] E. Richard, B. Mead, E. Zlotnikov, H. Park, N. J. Us, D. Haders, and S. Nj, “(12) United States Patent,” vol. 2, no. 12, 2011.
- [20] J. M. Gascueña and A. Fernández-Caballero, “Agent-oriented modeling and development of a person-following mobile robot,” *Expert Syst. Appl.*, vol. 38, no. 4, pp. 4280–4290, 2011.
- [21] E.-J. Jung, B.-J. Yi, and S. Yuta, “Control algorithms for a mobile robot tracking a human in front,” *2012 IEEE/RSJ Int. Conf. Intell. Robot. Syst.*, pp. 2411–2416, 2012.
- [22] B.-S. Choi, J.-W. Lee, J.-J. Lee, and K.-T. Park, “A Hierarchical Algorithm for Indoor Mobile Robot Localization Using RFID Sensor Fusion,” *IEEE Trans. Ind. Electron.*, vol. 58, no. 6, pp. 2226–2235, 2011.
- [23] E. Machida, M. Cao, T. Murao, H. Hashimoto, and Meifen Cao, “Human motion tracking of mobile robot with Kinect 3D sensor,” *SICE Annu. Conf. (SICE), 2012 Proc.*, pp. 2207–2211, 2012.
- [24] G. Xing, S. Tian, H. Sun, W. Liu, H. Liu, and M. Mic, “People-following System Design for Mobile Robots Using Kinect Sensor,” *25th Chinese Control Decis. Conf.*, pp. 3190–3194, 2013.
- [25] F. Dušek, D. Honc, and P. Rozsival, “Mathematical model of differentially steered mobile robot,” *18th Int. Conf. Process Control*, pp. 221–229, 2011.

- [26] J. CHUAN and F. NAGI, “Modeling and simulation of differential drive mobile robotics system,” *Mob. Robot. Group, Univ. Tenaga*